

Lake District National Park

Forecast valid from 00:00 on Sunday 19 Dec 2021 until 23:59 on Monday 20 Dec 2021

Forecast Issued on Saturday 18 Dec 2021 at 16:57

Confidence: High for largely settled and dry conditions through the coming days but low for cloud details and possible return to more unsettled conditions later in week.

Headline for Sunday 19 Dec 2021: Sunny on fells but low cloud, mist and fog lingering at low levels.

Mountain weather hazards on Sunday 19 Dec 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Sunday 19 Dec 2021

Weather: Clear or sunny on fells but below about 300-450m, the top of a strong temperature inversion, low cloud mist and fog patches likely to be slow to clear through the day. Cloud tops likely to rise a little through the evening.

Chance of cloud free mountain/hill tops above 800m: 100%, although lower slopes likely to be affected by low cloud.

Visibility: Rather hazy below the cloud, and less than 100m in cloud or low level fog, but above about 300-450m visibility generally excellent.

Forecast for Sunday 19 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	10/11 SE	7/8 SE	5/6 SE	5/6 SE	5/6 N	5/6 E	6/7 E	5/8 NE	6/9 NE
600	6/7 SE	4/6 SE	3/4 E	3/4 E	3/4 N	4/5 E	4/6 E	4/6 E	5/7 E
300	4/7 SE	3/5 SE	2/4 E	2/3 E	2/3 N	2/3 NE	3/5 E	2/5 E	3/6 NE
Valley	1/4 SE	1/4 SE	1/3 E	2/3 E	2/4 SE	3/4 E	3/5 E	3/5 NW	3/5 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	8/6	8/6	8/6	8/6	8/6	7/5	5/3	3/1	1/-2
600	7/6	7/6	7/6	6/5	7/6	6/5	4/3	3/1	1/-1
300	5/4	4/3	3/1	2/1	6/5	4/4	3/1	1/-1	1/-1
Valley	3/1	2/1	2/1	2/0	4/3	4/2	2/1	2/-0	1/-1
Freezing Level*	1700m	1600m	1500m	1500m	1400m	1700m	1300m	1100m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Strong temperature inversion with maximum temperatures around plus 10 or 11 Celsius above 450m.

Forecast for Monday 20 Dec 2021

Weather: Some clearer spells, especially over higher fells in the west, but generally a cloudier day, only the highest fells seeing long sunny spells as the temperature inversion rises. Patchy drizzle possible, especially over more eastern hills.

Maximum wind: Easterly or northeasterly around 10mph

Chance of cloud free mountain/hill tops above 800m: Around 10% with only the highest fells above the cloud

Visibility: Periods of persistent cloud above 300-450m, tops around 800m, with rather hazy visibility below, but once again excellent visibility on fells above the cloud.

Temperature: **Valleys:** Around plus 1 or 2 Celsius rising to plus 5 or 6 Celsius by day

At 800m: Plus 4 or 5 Celsius

Freezing level: Above the summits, although shallow sub-zero layer may develop around 600-750m

Ground Conditions Supplement

No recent ground conditions report available.

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